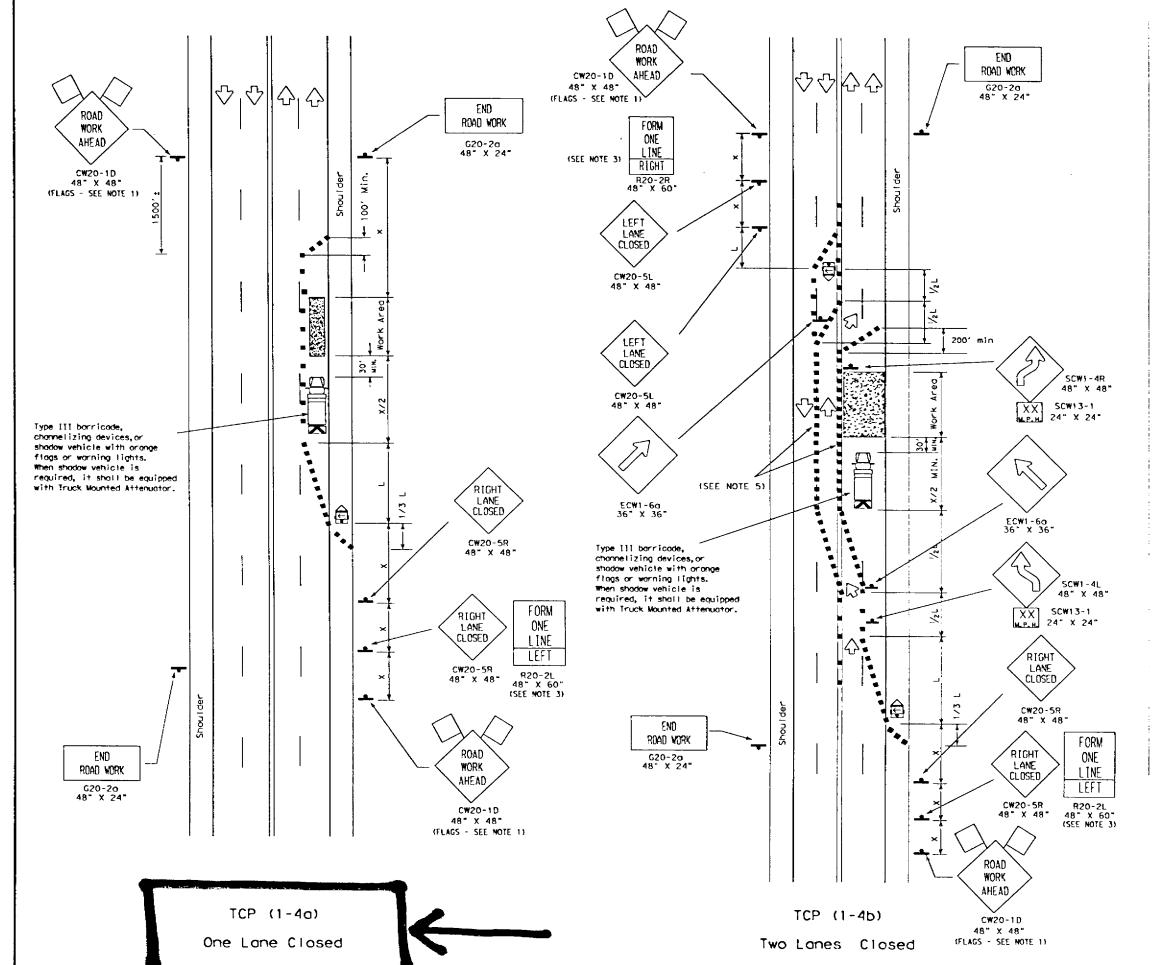


NOTES: Sidewalks will be constructed to comply with all ADA and TDLR standards

Expansion joints (¾") shall be installed no further than 40 feet apart, dummy joints shall be installed every 10 feet. See City of Kerrville Standard Specifications, *Section* 942, for more details.

1.5"-2" chairs shall be used every 5 LF or as necessary to hold reinforcement while concrete is being placed and shall be placed 1' from outside edge of sidewalk.

Sidewalk Detail City of Kerrville Standard Specifications SIZE FSCM NO. DWG NO. REV SCALE SHEET 4-2



LEGEND _ Type III Barricade ■ ■ Channelizing Devices Truck Mounted Attenuator Heavy Work Vehicle

Portable Changeable Message Sign

 \mathbb{Q} Flagge

- Sign Post

		Minimum Desiroble Toper Lengths **				ested Moximum ing of Device	Minimum Sign Specing	
Posted Speed * Formula		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	X Distance	
30	L= WS ²	1501	1651	1801	30'	60'-75'	120'	
35		2051	2251	2451	351	70′ -90′	1601	
40		265'	2951	3201	401	80'-100'	240'	
45	L=WS	4501	4951	5401	45'	90'-110'	320′	
50		5001	550′	600'	501	100'-125'	4001	
55		5501	605′	660,	55'	110'-140'	500′	
60		600,	6601	7201	60′	1201-1501	* 600'	
65		6501	715′	7801	65'	130'-165'	* 700'	
70		7001	7701	8401	70′	140'-175'	* 800°	

* Conventional Roads Only

*XToper lengths have been rounded off.
L=Length of Toper (FT.) W=Width of Offset (FT.) S=Posted Speed (MPH)

TYPICAL USAGEI							
MOB1LE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY			
	1	1					

GENERAL NOTES:

- 1. Unless otherwise stated in the plans, flags attached to the signs are
- 1. Unless otherwise stated in the plans, tlays alloured to the signs as REQUIRED.
 2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be amitted when stated elsewhere in the plans.
 3. The FORM ONE LANE LEFT sign may be used following the RIGHT LANE CLOSED sign. Spacing distance between signs should be the minimum distance indicated.
 4. ROAD WORK AHEAD sign may be repeated if the visibility of the work zone is less than 1500'.
 5. If powement markings are not removed and traffic is directed over a double vellow centerline, the maximum spacing of channelizing

- a double yellow centerline, the maximum spacing of channellzing devices in a tangent section should be no greater than 10 feet.

Only pre-qualified products shall be used. A list of compliant products and their sources may be obtained by writing or faxings.

Standards Engineer Traffic Operations Division - TE Texas Department of Transportation 125 East 11th Street Austin, Texas 78701-2483 Phone (512) 416-3335 Fox (512) 416-3161 E-moil TRF-STANDARDemoilgw.dot.state.tx.us

> The requirement for shodow vehicles will be listed in the project GENERAL NOTES, Item 502, Barricades, Signs and Traffic Handling.



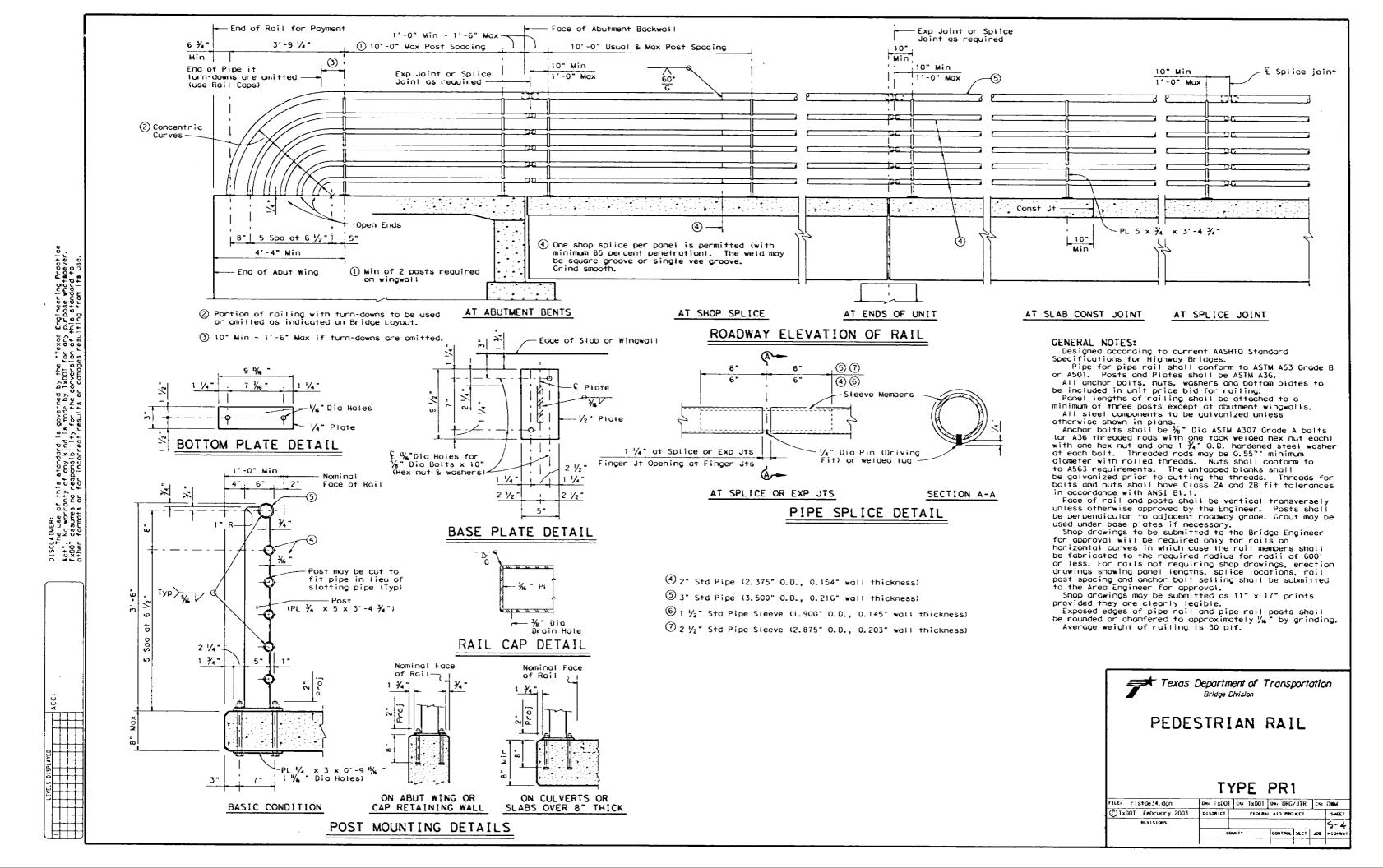
STANDARD PLANS TEXAS DEPARTMENT OF TRANSPORTATION

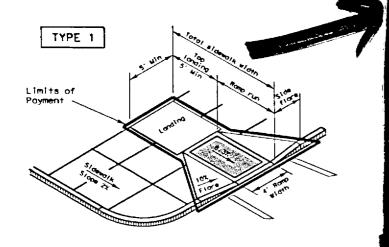
Traffic Operations Division

TRAFFIC CONTROL PLAN

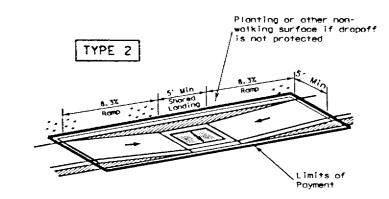
TCP (1-4)-98

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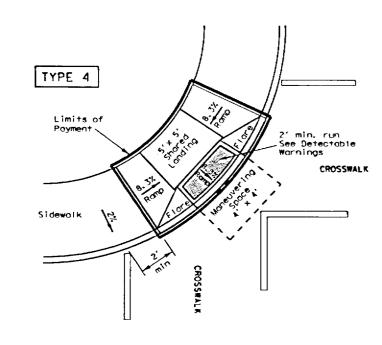




PERPENDICULAR CURB RAMP

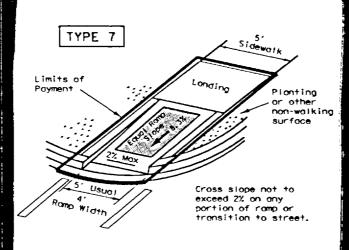


PARALLEL CURB RAMP

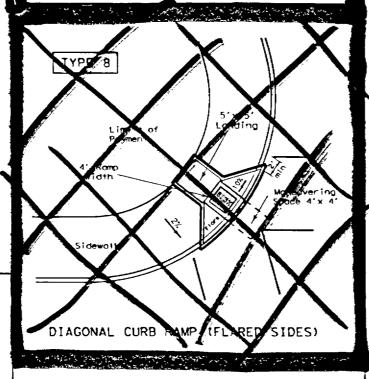


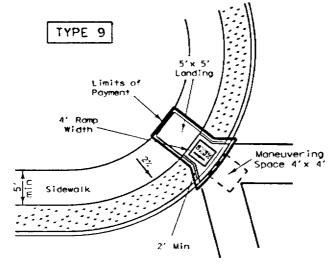
DIAGONAL COMBINATION CURB RAMP

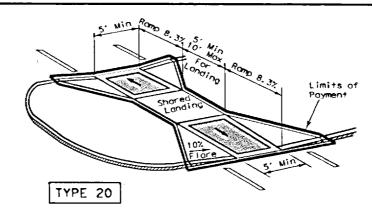
Perpendicular to the Tangent of the Curb

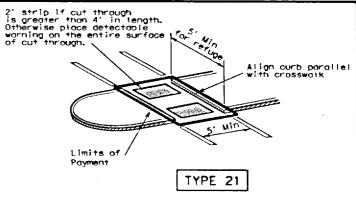


DIRECTIONAL RAMP WITHIN RADIUS

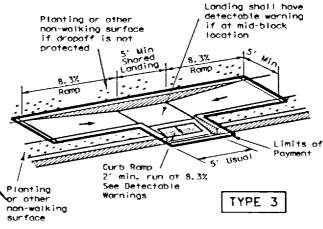


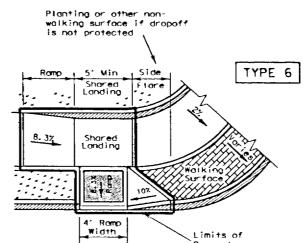




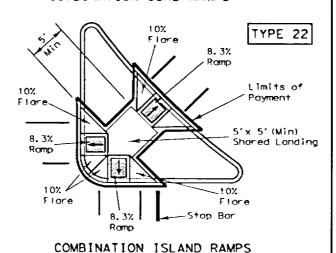


CURB RAMPS AT MEDIAN ISLANDS





COMBINATION CURB RAMPS



General Notes

All stopes are maximum allowable. The least possible slope that will still drain properly should be used. Ramp length or grade of approach sidewalks may be adjusted as directed by the Engineer.

The minimum sidewalk width is 5'. Where a 5' sidewalk can not be provided due to site constraints, a minimum 3' sidewalk with 5'x 5' passing areas at intervals not to exceed 200 ft is required.

Landings shall be 5'x 5' minimum with a maximum 2% slope in any direction.

Moneuvering space at the bottom of curb ramps shall be a minimum of $4' \times 4'$ wholly contained within the crosswalk and wholly outside the parallel

Maximum allowable cross slope on sidewalk and ramp surfaces is 2%.

Curb ramps with returned curbs may be used only where pedestrians would not normally walk across the ramp. Otherwise, flored sides shall be

All concrete surfaces shall receive a light broom finish unless noted

Romp textures must consist of truncated domed surfaces. Textures are required to be detectable underfoot. Surfaces that would allow water

Additional information on curb ramp location, design, light reflective value and texture may be found in the current edition of the Texas Accessibility Standards (TAS) prepared and administered by the Texas Department of Licensing and Regulation (TDLR).

Raised medians separate opposing directions of traffic and provide a refuge area for pedestrians unable to cross the entire roadway in the allotted signal phase. To serve as a refuge area, the median should be a minimum of 5' wide. Medians should be designed to provide accessible passage over or through them.

Small channelization islands, which can not provide a minimum $5^{\prime}x$ 5^{\prime} landing at the top of ramps, shall be cut through level with the surface of the street.

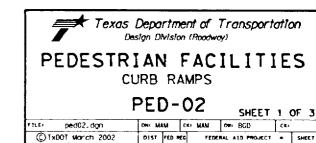
Crosswalk dimensions, crosswalk morkings and stop bar locations shall be as shown elsewhere in the plans. At intersections where crosswalk markings are not required, ramps shall be aligned with theoretical crosswalks, or as directed by the Engineer.

Existing features that comply with TAS may remain in place unless otherwise shown on the plans.

Handrails are not required on curb ramps. Curb ramps shall be provided wherever on accessible route crosses (penetrates) a curb.

Shoded areas indicate locations of detectable warnings, (Color / light reflective value and texture contrast)

Curb ramps and landings shall be constructed and paid for in accordance with Item, "Curb ramp and Landing". Street curb transitions and curb bevels will be paid for in accordance with Item, "Concrete Curb, Gutter and Cambined Curb and Gutter".



COUNTY

whatsoever.

DIAGONAL CURB RAMP (RETURNED CURB) Radius and Contained in Crosswalk

5'x 5' (MIN)

LANDINGS

SIDEWALK

SIDEWALK ADJACENT

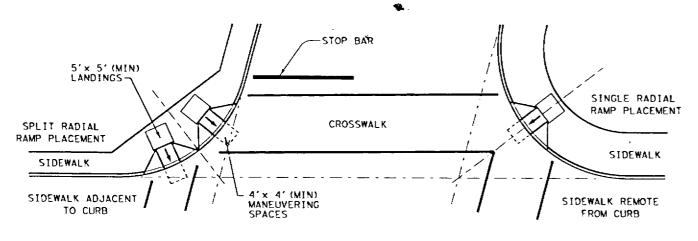
TO CURB

5'x 5' (MIN) LANDINGS—

SIDEWALK

SIDEWALK REMOTE

FROM CURB



SKEWED INTERSECTION WITH "LARGE" RADIUS

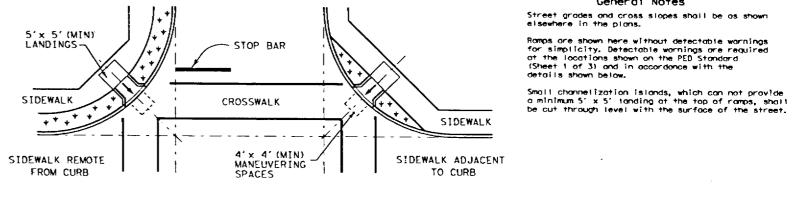
CROSSWALK

MANEUVERING

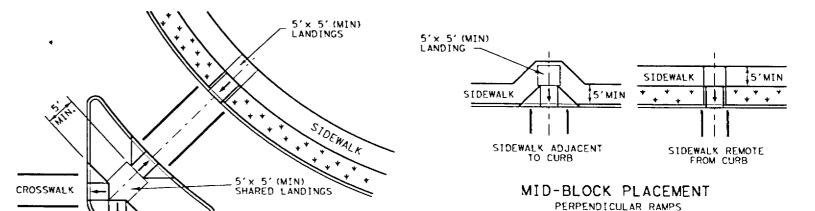
CROSSWALK

4'x 4' (MIN) MANEUVERING

SKEWED INTERSECTION WITH "SMALL" RADIUS



NORMAL INTERSECTION WITH "LARGE" RADIUS



AT INTERSECTION W/FREE RIGHT TURN & ISLAND

NORMAL INTERSECTION WITH "SMALL" RADIUS

SIDEWALK

SIDEWALK ADJACENT

TO CURB

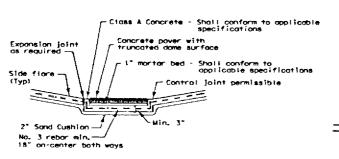
Max. 4" all sides

SIDEWALK

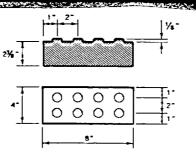
SIDEWALK REMOTE

FROM CURB

TYPICAL CROSSING LAYOUTS SEE SHEET 1 OF 3 FOR DETAILS AND DIMENSIONS



TYPE A Truncated Dome Pattern Curb Ramp Section A-A DETECTABLE WARNINGS



Concrete pover with truncated dome surface

General Notes

Concrete pover units shall meet all requirements of ASTM C-936, C-33, and shall be laid in a two by two unit basket weave pattern, unless shown otherwise in the plans.

Concrete power units shall have a truncated dame top

contrasting color that provides a light reflective value that significantly contrasts with the adjacent surfaces. The color of the concrete pover units shall be shown elsewhere in the plans. (Adjacent surfaces include side flores).

unit shall not be less than 25 percent of a full unit.

Texas Department of Transportation Design Division (Roadway)

General Notes Street grades and cross slopes shall be as shown

for simplicity. Detectable wornings are required at the locations shown on the PED Standard

(Sheet 1 of 3) and in accordance with the

PEDESTRIAN FACILITIES

INTERSECTION LAYOUTS AND DETECTABLE WARNINGS

PED-02

SHEET 3 OF 3

ILE: ped02.dgn	DN: M	DN: MAM CK: 1		MAM OW: BGD		CK	CK:	
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